

## **Amendments to the Specification**

Please delete the heading before paragraph [0001]

Please amend the heading before paragraph [0002] as follows:

### **DESCRIPTION OF RELATED ART BACKGROUND**

Please replace paragraph [0004] with the following amended paragraph:

[0004] ~~The An object and the a~~ technical problem underlying the invention is that of creating a rotor, in particular for a rotorcraft, that possesses improved aerodynamic properties with the lowest possible rotor weight, and that allows an adjustment of a rotor blade, including as a function of rotation speed, to be performed in simple and effective fashion. A suitable method for adjusting the blade angle of a rotor blade is also to be made available.

Please delete paragraph [0005]

Please replace [0006] with the following amended paragraph:

[0006] ~~This~~ The present invention provides a rotor, in particular for a rotorcraft, encompasses a rotor head, at least one rotor blade, and a rotor-head- or rotor-mast-side rotor-blade connector having an integral, bearingless, centrifugal-force-controlled blade angle adjustment device. The rotor-blade connector can be an integral component of the rotor blade or a part separate therefrom that is joinable to the rotor blade, for example, via a suitable disconnect point. The rotor-blade connector can moreover also be part of a rotor-head element, e.g. of a rotor star or a rotor-head plate, or of another element interposed between the rotor blade and the rotor head or a rotor mast.

Please replace paragraph [0009] with the following amended paragraph:

[0009] Further preferred and advantageous embodiment features of the rotor according to the present invention are the subject matter of the dependent ~~Claims 2 to 12~~ claims.

Please replace paragraph [0010] with the following amended paragraph:

[0010] According to a second aspect, the object present invention provides on which the invention is based is achieved by way of a rotorcraft according to the present invention, in particular a helicopter, in particular a tiltrotor helicopter, comprising at least one such rotor having the features of Claim 13. The rotorcraft according to the present invention offers substantially the same advantages that have already been explained above in connection with the rotor according to the present invention.

Please replace paragraph [0011] with the following amended paragraph:

[0011] Furthermore, according to a third aspect, the object present invention provides on which the invention is based is achieved by way of a method according to the present invention for adjusting the blade angle, having the features of Claim 14. a method for adjusting the blade angle of a rotor blade of a rotor, in particular of a bearingless rotor that possesses a rotor head and a rotor-head-end rotor-blade connector, comprising the following steps: rotating the rotor blade; and automatically adjusting the blade angle by twisting the rotor-head-end rotor-blade connector, and thus the rotor blade, about its longitudinal axis by means of centrifugal forces acting on the rotor blade.

Please delete paragraph [0013]

Please amend the heading before paragraph [0023] as follows:

~~DESCRIPTION OF PREFERRED EXEMPLIFYING EMBODIMENTS DETAILED DESCRIPTION~~

Please delete the entire list of reference characters, including the heading on pages 14.